



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 7

11201 Renner Boulevard  
Lenexa, Kansas 66219

APR 14 2020

(b) (6)

Re: Martha Rose Chemical Site, Holden, Missouri - EPA Site ID: MOD980633069

Dear (b) (6):

On March 5, 2020, representatives of the U.S. Environmental Protection Agency collected indoor air and sub-slab samples from your property as listed below. These samples were collected to evaluate vapor concentrations in indoor air and beneath your building. The contaminants associated with the ongoing site investigation include tetrachloroethene (PCE) and trichloroethene (TCE). The samples were submitted for laboratory analysis of volatile organic compounds, including the site-related contaminants noted above. Results from these sampling events are summarized in the table below.

(b) (6) Holden, Missouri			PCE ( $\mu\text{g}/\text{m}^3$ )	TCE ( $\mu\text{g}/\text{m}^3$ )
Worker Indoor Air Additional Assessment Level			180	6
Worker Sub Slab Additional Assessment Level			5,800	200
Sample Type	Sample ID	Collection Date	PCE Result	TCE Result
Indoor Air	IA01-030420	3/5/2020	ND	ND
Sub-slab	SS01-030520	3/5/2020	0.19	ND

Notes: Sample ID = Sample Identification #  $\mu\text{g}/\text{m}^3$  = Micrograms per cubic meter ND = Not detected

Indoor air sample IA01-030420 collected on March 5, 2020 from the shelf in the center of the shop on your property indicated no detections of PCE or TCE in the indoor air.

As previously discussed, multiple rounds of sampling are anticipated to be collected and analyzed to monitor concentrations. The EPA will be contacting you regarding subsequent future sampling events.

This information is being provided to you in accordance with Section 104(e)(4)(B) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended. If you have any questions regarding the above, please contact me by phone at (913) 551-7449 or (800) 223-0425, or by e-mail at [schmaedick.manuel@epa.gov](mailto:schmaedick.manuel@epa.gov). Thank you for your cooperation in this matter.

Sincerely,

Manuel Schmaedick  
On-Scene Coordinator  
Assessment, Emergency Response and Removal Branch  
Superfund and Emergency Management Division

Enclosures



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# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Tetra Tech, Incorporated

**Client Sample ID:** IA01-030420

**Client Project ID:** Martha Rose Chemical / 103X903020F0061.000

ALS Project ID: P2001343

ALS Sample ID: P2001343-001

**Test Code:** EPA TO-15

**Instrument ID:** Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

**Analyst:** Lusine Hakobyan

**Sample Type:** 6.0 L Silonite Canister

**Test Notes:**

**Container ID:** AS01145

Date Collected: 3/5/20

Date Received: 3/9/20

Date Analyzed: 3/17/20

Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): 0.10

Final Pressure (psig): 3.54

Canister Dilution Factor: 1.23

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	ND	0.14	0.070	ND	0.053	0.027	
75-35-4	1,1-Dichloroethene	ND	0.14	0.091	ND	0.034	0.023	
75-34-3	1,1-Dichloroethane	ND	0.14	0.096	ND	0.033	0.024	
71-55-6	1,1,1-Trichloroethane	ND	0.14	0.081	ND	0.025	0.015	
79-01-6	Trichloroethene	ND	0.14	0.089	ND	0.025	0.016	
127-18-4	Tetrachloroethene	ND	0.12	0.085	ND	0.018	0.013	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

# ALS ENVIRONMENTAL

## RESULTS OF ANALYSIS

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**Client:** Tetra Tech, Incorporated

**Client Sample ID:** SS01-030520

**Client Project ID:** Martha Rose Chemical / 103X903020F0061.000

ALS Project ID: P2001343

ALS Sample ID: P2001343-002

**Test Code:** EPA TO-15

**Instrument ID:** Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

**Analyst:** Lusine Hakobyan

**Sample Type:** 6.0 L Silonite Canister

**Test Notes:**

**Container ID:** AS00505

Date Collected: 3/5/20

Date Received: 3/9/20

Date Analyzed: 3/17/20

Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -2.91

Final Pressure (psig): 3.70

Canister Dilution Factor: 1.56

CAS #	Compound	Result µg/m³	MRL µg/m³	MDL µg/m³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-01-4	Vinyl Chloride	ND	0.17	0.089	ND	0.067	0.035	
75-35-4	1,1-Dichloroethene	ND	0.17	0.12	ND	0.043	0.029	
75-34-3	1,1-Dichloroethane	ND	0.17	0.12	ND	0.042	0.030	
71-55-6	1,1,1-Trichloroethane	ND	0.17	0.10	ND	0.031	0.019	
79-01-6	Trichloroethene	ND	0.17	0.11	ND	0.032	0.021	
127-18-4	Tetrachloroethene	0.19	0.16	0.11	0.028	0.023	0.016	

ND = Compound was analyzed for, but not detected above the laboratory detection limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.